

RAPID-ACTUATED SUCTION CUP DEVICE**ABSTRACT**

A suction device having a suction cup; a pulling bar, the
5 pulling bar having a first end coupled to the suction cup and an opposed second end; a cover having a spiral guiding ring, the spiral guiding ring having a flange on an inner surface; a spiral guiding cap having a rib, the spiral guiding cap being rotatably coupled to the spiral guiding ring so that the flange
10 moves along the rib when the spiral guiding cap is rotated and a locking cap coupled to the second end of the pulling bar, the locking cap having a head positionable against the spiral guiding cap; wherein the spiral guiding cap is turned less than 360 degrees to reach a fully engaged condition.

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